

ABSTRACT OF THE DISCLOSURE

A method of manufacturing a speed ring in a continuous process using a magnetizing fixture and a trimming fixture. An unmagnetized magnetic strip is fed into the trolley of a magnetizing fixture, clamped stretched, and magnetized by a coil. The newly magnetized strip is then cut and fed into a trimming fixture. As the magnetized strip goes through the trimming fixture, it runs over a hall effect sensor which determines where a center of a pair of poles is located. Based on where a pair of poles is located the cutting blade of the trimming fixture is activated and a magnetic strip that can be turned into a speed ring is created.